

What is claimed is:

1. A curable liquid silicone rubber comprising:

a. a cross linkable vinyl containing organopolysiloxane wherein each vinyl is bonded to a silicon atom;

5 b. an organic peroxide, and,

c. a material containing silicon hydride selected from the group consisting of

(i) silicon hydride containing siloxanes,

(ii) copolymers of silicon hydride containing siloxanes and other siloxane polymers,

10 (iii) silicon hydride containing siloxanes oligomers,

(iv) silicon hydride containing monomers, and,

(v) combinations of any of (i) to (iv).

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2. The curable liquid silicone rubber as claimed in claim 1 wherein there is also present a hydrogen-containing organopolysiloxane crosslinker.
3. The liquid silicone rubber as claimed in claim 1 wherein the components a. to c. are formed into one part.
- 5 4. The liquid silicone rubber as claimed in claim 1 wherein there is also present a filler.
5. The liquid silicone rubber as claimed in claim 4 wherein the filler is a silica filler.
6. The liquid silicone rubber as claimed in claim 1 wherein component b. is selected from the group consisting of :
- 10 i. dialkyl peroxides;
ii peroxyketals,
iii peroxyester peroxides,
iv diacyl peroxides, and
15 v mixtures of i to iv.
7. The liquid silicone rubber as claimed in claim 6 wherein component b. is 2,5-dimethyl-2,5-di-(tert-butylperoxy)hexane.
8. The liquid silicone rubber as claimed in claim 6 wherein component b is dicumyl peroxide.
- 20 9. The liquid silicone rubber as claimed in claim 6 wherein component b is n-butyl 4,4-di(tert-butylperoxy)valerate.
10. The liquid silicone rubber as claimed in claim 6 wherein component b is 1,1 bis-(tertbutylperoxy)-3,3,5-trimethyl-cyclohexane.
11. The liquid silicone rubber as claimed in claim 6 wherein component b is
25 dibenzoyl peroxide.
12. The liquid silicone rubber as claimed in claim 6 wherein component b is dichlorobenzoyl peroxide.
13. The liquid silicone rubber as claimed in claim 6 wherein component b is t-butyl-perbenzoate.
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